

**Notice of Allowability**

Application No.

09/701,084

Examiner

Beemnet W. Dada

Applicant(s)

ISHIGURO ET AL.

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed on 12/07/2006.
2. ☒ The allowed claim(s) is/are 6-8.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 9/6/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**DETAILED ACTION**  
**EXAMINER'S AMENDMENT**

1.     - Claims 1-10 and 15-53 are pending.  
       - Claims 6-8 are allowed over the prior art of record and claims 1-5, 9, 10 and 15-53 are cancelled as indicated below in the examiner's amendment.

2.     An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Scott A. McKeown, Reg No. 42,866 on February 21, 2007 and on February 26, 2007.

3.     The application has been amended as follows:

In the claims,

Please Cancel Claims 1-5, 9, 10 and 15-53.

Claim 6. (Currently Amended): An information processing apparatus for reciprocal authentication with another information processing apparatus to execute pre-set processing, comprising:

receiving means for receiving a key category which identifies a common key, a random number, and a device ID from said another information processing apparatus;

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selection means for selecting ~~the~~ a processing for reciprocal authentication being executed from one or more reciprocal authentication procedures in keeping with said pre-set processing;

reciprocal authentication means for executing the selected reciprocal authentication procedures by said selection means based on the key category to select a common key; ~~and~~

key creation means for establishing the common key shared with said another information processing apparatus based on the key category, random number and device ID; and

transferring content between said information processing apparatus and said another information processing apparatus in accordance with the common key.

Claim 7. (Currently Amended) A method for processing ~~the~~ information by an information processing apparatus for reciprocal authentication with another information processing apparatus to execute pre-set processing, said method comprising:

receiving a key category which identifies a common key, a random number, and a device ID from said another information processing apparatus;

selecting ~~the~~ a processing for reciprocal authentication being executed from one or more reciprocal authentication procedures in keeping with said pre-set processing;

executing the selected reciprocal authentication procedures ~~by said selection means~~ to select a common key; ~~and~~

establishing the common key shared with said another information processing apparatus based on the key category, random number and device ID; and

transferring content between said information processing apparatus and said another information processing apparatus in accordance with the common key.

Claim 8 (Currently Amended) A computer readable storage medium ~~furnishing medium~~ for furnishing a computer-readable program for executing ~~the~~ a pre-set processing comprising:

- receiving a key category which identifies a common key, a random number, and a device ID from ~~said another~~ an information processing apparatus;
- selecting ~~the~~ a processing for reciprocal authentication being executed from one or more reciprocal authentication procedures in keeping with said pre-set processing;
- executing the selected reciprocal authentication procedures ~~by said selection means~~ to select a common key; ~~and~~
- establishing the common key shared with said ~~another~~ information processing apparatus based on the key category, random number and device ID; and
- transferring content to said information processing apparatus in accordance with the common key.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W. Dada whose telephone number is (571) 272-3847. The examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

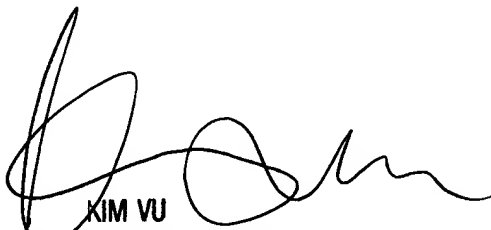
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Beemnet W Dada

February 21, 2007



**KIM VU**  
**SUPERVISORY PATENT EXAMINER**  
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